



# BERRY WORKS NEWS

a grower newsletter for the  
Oregon Raspberry & Blackberry Commission  
Oregon Strawberry Commission

SPRING 2001

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## The ORBC & OSC at FOODEX 2001

The Oregon Raspberry & Blackberry Commission and the Oregon Strawberry Commission jointly sponsored a booth at FoodEx, the largest food and beverage trade show in the Far East. Held in Tokyo March 13<sup>th</sup>-March 16<sup>th</sup> 2001, the theme of this year's show was "Rediscovering the enjoyment of food and drink all over the world." Over the four days of the show, 94,054 visitors toured the booths of 671 domestic and 1,704 overseas exhibitors.

The newly redesigned ORBC and OSC booth focused on the nutraceutical benefits of caneberries and strawberries. The brightly colored graphics of the booth were designed to catch the eye of passing attendees and give information on the vitamins and phytochemicals that benefit health and prevent disease. Brochures were available from each commission in either English or Japanese.

continued on page 2...



The Booth



According to commissioners and processors who attended the show it was a great success, with ample opportunity for networking and establishing contacts with Japanese companies. OSC Chairman Ron Fujii remarked that, "FoodEx was a successful experience for the Oregon Strawberry Commission. The berry booth was very busy. We made many valuable contacts."

In addition to commissioner Bob Underwood representing the ORBC and Chairman Ron Fujii representing the OSC, three Oregon processors took advantage of the opportunity offered by the ORBC to be featured in the booth for either a whole or half-day. Stefan Richter represented IFF and King Bredenkamp represented Scenic Fruit Co. RainSweet was also featured for a day. King and Stefan both had positive comments on the value of attending FoodEx.



## OSC RFP

As you know, the OSC passed a referendum last year which allowed the OSC to *promote* Oregon strawberries. This year a Request for Proposals (RFP) was offered to interested firms. Here is an overview of the RFP.

### Goals

The Oregon strawberry industry has been declining from 100 million pounds in 1988 to 35 million pounds in 2000 due to increased costs of inputs and competition from California and China. Growers are searching to expand existing markets and explore new markets in order to increase sales and demand.

The successful proposal should

## Berry Works News

*is published by*

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have two focuses:

1) Increase the demand for Oregon strawberries. 2) Increase awareness of Oregon strawberries' premium processing quality.

Eight proposals were received. The proposals were evaluated by the commission and reviewed by the Promotion Committee. The two companies chosen for personal interviews were KnollGROUP and Lon Snider & Associates. After interviews, questions and further evaluation, KnollGROUP was chosen to work for the OSC for FY 2001-2002. The commission liked Knoll's approach, which was to target food manufacturers and flavor houses with a direct mail campaign highlighting Oregon strawberries' superior attributes including flavor, color and integrity. A photo gallery will be established through three days of photography, including one day in the field and one day of "beauty shots" using a food stylist and art director. These photos will be used to create a beautiful new brochure and to update the website. Chairman Ron Fujii had this to say about KnollGROUP, "KnollGROUP had a high quality, professional approach which focused on direct mailing to food manufacturers and flavor houses. The Promotion Committee was impressed by their experience, ideas and professionalism."

## Caneberry Crop Insurance Program

United States Department of  
Agriculture  
Farm and Foreign Agricultural  
Services  
Risk Management Agency

Informational Memorandum:

Subject:

Implementation materials for the Pilot Raspberry and Blackberry Crop Insurance Program.

Background:

On October 19, 2000, the Board of Directors of the Federal Crop Insurance Corporation approved a Pilot Raspberry and Blackberry Crop Insurance Program effective beginning with the 2002 crop year.

Action:

The Risk Management Agency (RMA) has placed the Pilot Raspberry and Blackberry Crop Provisions (02-108), and the Pilot Raspberry and Blackberry Crop Underwriting Standards on the RMA WebSite at: [www.rma.usda.gov/pilots/2002pilot.html](http://www.rma.usda.gov/pilots/2002pilot.html). The Pilot Program Handbook has been placed on the RMA WebSite at: [www.rma.usda.gov/data/directives.html](http://www.rma.usda.gov/data/directives.html).

If you have any questions, please contact Josephine Scott, Research and Evaluation Division, at (816) 926-6343.



## ***OREGON BERRIES ON TOUR***

Representatives from Oregon Raspberry and Blackberry Commission (ORBC) and the Oregon Strawberry Commission (OSC) are traveling the globe this year to learn, listen and promote the superior qualities of Oregon berries. On the international front, one of the largest food and beverage exhibitions was held in Japan in March.

FoodEx the 26<sup>th</sup> annual food and beverage show was held in Tokyo from March 13 through March 16, 2001. Oregon growers and processors were represented by Bob Underwood of the ORBC and Ron Fujii of the OSC. In addition, three processors distributed information at the commission booths. They included Rainsweet, IFF & Scenic Fruit. For more details, see page 1.

Two national trade shows are on the agenda for this summer. ORBC Executive Director, Jan Schroeder and Cat McKenzie will attend the IFT exhibition in New Orleans, LA, June 23<sup>rd</sup> through the 27<sup>th</sup>. This respected and well attended trade show features speakers from the world of food technology as well as over 20,000 attendees representing ingredient and additive, food manufacturing and research and educational professionals.

The second national conference and trade show is Nutracon held July 7–10 in San Diego. Representatives will learn about the latest trends in nutraceutical research and have a chance to network with executives involved in the nutraceutical, functional food and dietary supplement industry.

Goals for the above shows include communicating the message that Oregon grows the premier quality berry nationally and ranks the highest in taste as well as being loaded with nutraceutical benefits.

Two important seminars are included in this year's agenda of events for Oregon berry representatives. Nutrimarket 2001, held in San Francisco, February 26 – 27, 2001, was attended by Jan Schroeder, ORBC executive director. With the enormous growth of the functional foods market, this seminar offered insights and guidelines to help communicate and support nutritional health claims to consumers while unraveling the maze of Federal regulations governing such claims.

The Linus Pauling Institute located at Oregon State University will mark the centenary of Pauling's birth with a conference titled "Diet and Optimum Health", to be held in Portland, Oregon, May 16 – 19, 2001. The conference will bring together researchers from around the world that will present their findings regarding dietary intervention into chronic disease and age related disorders. Scientists including, Jim Joseph of Tufts University and John Potter of Fred Hutchinson Cancer Research Center will explore the role of dietary constituents such as antioxidants, vitamins, fiber and phytochemicals in human health and wellness. The ORBC will host a coffee on Saturday, May 19<sup>th</sup> during the public session, and will be handing out information on the health benefits of Oregon berries. Contact Linus Pauling Institute 541-737-5075 for information on attending the seminar or the public session.

2001 is a year of outreach in the Oregon berry industry. Networking with food professionals and manufacturers at national and international trade shows, our representatives will create widespread interest in the nutraceutical benefits as well as the exceptional quality of our fruit. The strategy is simple, Oregon berries are good for your health and their taste is superior to other berries. By using the latest scientific information and working with manufacturers worldwide we should be able to significantly increase interest in Oregon berries.

# Raspberry & Blackberry

## ORBC Budget Explanation

Due to rising costs and lower revenue for the 2000 crop year, the budget is tight for the 2001-2002 fiscal year. There has been a lot of discussion on how to direct funds this year. Commissioners support focusing attention on promotion in order to ignite the market for sales. Many programs that were not helping sell berries were cut.

The Legislative/Education category was heavily cut, with only two programs being funded this year: Victory Group and COAE. The research budget was also reduced, but the commission is seeking additional funding for some research programs through state and federal sources. Joe DeFrancesco's position is before the legislature to receive hard funding and the NCSFR is seeking funding support for Bernadine Strik and Chad Finn's Breeding Program. New areas for promotion are being explored such as: a new black raspberry promotion, promoting to the smoothie/juice sector and the continuing effort to expand the nutraceutical market.

## ORBC Budget Hearing

The Oregon Raspberry & Blackberry Commission will hold a budget hearing on Thursday, April 26<sup>th</sup> at 5:00 p.m. The purpose of this meeting is to discuss the proposed budget for fiscal year 2001-2002.

You don't need to be a

# News

## OSHA Review

by Commissioner Julie Schedeen

As one of your commissioners, I thought it only fair to put our farm to the test before recommending the OSHA consultation services. This service is invaluable not only in terms of peace of mind, but also in terms of the bottom line. We all know the cost of workplace accident. Increasingly, we are hearing and reading about labor housing that has not been licensed and the attendant fines and publicity. This is your chance to start from scratch and be sure you are in compliance before anyone knocks on your door. And it is completely painless and risk-free. It begins with a call to the nearest OSHA office and scheduling a consultation officer's visit to your farm. They will advise you about as many or as few aspects of your safety and housing situation as you request. The information is completely confidential and the

see 'OSHA Review' page 8

commissioner to attend a commission meeting. All meetings are open to the public. This is an opportunity for growers to offer input on how assessment dollars should be spent to support the raspberry and blackberry industry in Oregon.

The proposed budget for the fiscal year 2001-2002, as well as the proposals for education and promotion are printed on the

## IMPORTANT NOTICE ABOUT CANEBERRY ASSESSMENTS

Previously, ORBC assessments were due on October 15<sup>th</sup>. A late fee of 5% was charged if the assessment was postmarked after November 15<sup>th</sup>, allowing a 30 day grace period. However, beginning March 2001 this will no longer be the case. The ORBC administrative rules were unknowingly in conflict with the Oregon Administrative Rules, which take precedent over the ORBC rules. This fall the ORBC rules were modified to comply with the Attorney General's Uniform and Model Rules of Procedure.

The new rules for ORBC assessment collection are as follows:

OAR 611-010-0015 states "Assessment reports shall include all purchases by or deliveries to a first purchaser of caneberries in the current crop season preceding September 30<sup>th</sup>. Assessment reports are to be postmarked no later than October 15<sup>th</sup>."

The first month penalty of 5% will be imputed on October 16<sup>th</sup> for all assessments postmarked after October 15<sup>th</sup>.

Please remind your processors.

following pages.

The meeting will be held at the North Willamette Research and Extension Center, 15210 NE Miley Rd, Aurora, Oregon.

If you are unable to attend the meeting, you may still voice your comments and concerns by writing the commissioners or calling the business office at (800) 859-0355.

# OREGON RASPBERRY & BLACKBERRY COMMISSION

APPROVED BUDGET  
2000-01

PROPOSED BUDGET  
2001-02

## SUMMARY OF REVENUES

Assessments	\$407,240	\$329,000
Interest income	4,200	4,200
Other Income	2,000	3,000
Grant Income	0	0
Carryover	180,000	160,000
Available for Expenditure	593,440	496,200
Expenditures	593,440	496,200
Balance Carried Forward	\$0	\$0

## SUMMARY OF EXPENDITURES

Materials & Services	\$95,000	\$94,100
Special Payments	338,300	246,100
Capital Outlay	0	0
Emergency Fund	154,140	150,000
ODA Oversight	6,000	6,000
Total Budget	\$593,440	\$496,200

## MATERIALS & SERVICES

Materials & Supplies	\$5,500	\$5,500
Communications	4,500	4,500
Travel	2,500	2,500
Meals & lodging	3,000	3,000
Freight & postage	5,500	5,500
Insurance & Bonds	1,000	200
Auditing fees	0	0
Audit fund	1,500	0
Legal fees	1,000	1,000
Other Purchased Services	500	500
Administrative Services	70,000	71,400
Total Materials & Services	\$95,000	\$94,100

## SPECIAL PAYMENTS

Promotion	\$220,800	\$190,000
Newsletter/World Stats	4,300	4,100
Research	83,500	48,500
Education	21,400	0
Legislative Education	8,300	3,500
Assessment Refunds	0	0
Total Special Payments	\$338,300	\$246,100

## CAPITAL OUTLAY

\$0

\$0

## ODA OVERSIGHT

\$6,000

\$6,000

## EMERGENCY FUND

\$154,140

\$150,000

## GRAND TOTAL BUDGETED

\$593,440

\$496,200

## 2001-02 ORBC PROMO BUDGET WORKSHEET

	PROMOTION IDEA	DRAFT BUDGET
1)	Media Relations	\$18,000
2)	School Foodservice Sale*	\$12,000
3)	Database Management	\$2,500
	Nutraceutical Messages	\$10,000
4)	Trade Shows	\$35,500
	Nutraceutical Seminars	\$12,000
5)	Export	\$20,000
6)	Nutraceutical Mkt. Rsch. (FSMIP Grant)	\$31,000
7)	Nutraceutical Lit. Review	\$3,000
8)	Black Rasp. Promo	\$15,000
9)	Smoothie Market	\$20,000
10)	Promotional Materials	\$14,000
	Berry Bank	\$1,000
11)	Web Site	\$4,000
		(-\$6,000 from WRRRC)*
	<b>Total:</b>	<b>\$192,000</b>

### ORBC Proposed FY 2001-2002 Legislative/Education Budget

Legislative/Education	
Victory Group	\$3,000
COAE	\$500
<b>Total</b>	<b>\$3,500</b>



## OREGON RASPBERRY AND BLACKBERRY COMMISSION

### 2000-2001 Committee List

#### BUDGET

Bill Knapp, Chair  
 Scott Miller  
 Jim Steele  
 Don Sturm  
 Bob Conroy, ex-officio

#### LEGISLATIVE/LABOR/EDUCATION

Jim Steele, Chair  
 Steve Hoffman  
 George Crispin  
 Don Sturm  
 Julieann Shedeem  
 Anthony Wurdinger, ex-officio

#### PROMOTION

Scott Miller, Chair  
 Julieann Shedeem  
 Floyd Aylor  
 George Crispin  
 Bob Conroy, ex-officio

#### RESEARCH

Don Sturm, Chair  
 Jim Steele  
 Bill Knapp  
 Steve Hoffman



## 2000-2001 Oregon Raspberry & Blackberry Commission Commissioner List

\*Floyd Aylor, 31461 N.E. Bell Road Sherwood, OR 97140 Second Term Exp. 6/30/02  
 (503) 538-4393 (fx) (503) 538-2156(w)  
 Faylor@nutworld.com

\*George Crispin, PO Box 6109 Salem, OR 97304  
 First Term Exp. 6/30/03  
 (503) 585-4657 (fx) (503) 363-4293(w)

Steven Hoffman, 20197 S. Butte Rd Beaver Creek, OR 97004 First Term Exp. 6/30/00  
 (503) 632-3458(fx) (503) 632-3571(w) (503) 632-3509 (h) hoffmanse@aol.com

William Knapp, Box 880 Sandy, OR 97055 Second Term Exp. 6/30/02  
 (503) 668-5118 (fx) (503) 668-9613 (w) (503) 668-8935 (h) billknapp@compuserve.com

Scott Miller, 14593 French Pr. Rd. Woodburn, OR 97071 First Term Exp. 6/30/00  
 (503) 792-4743 (h) (503) 930-1503 (w)  
 millerfamily4@yahoo.com

Julieann Shedeem, 17835 Tickle Creek Boring, OR 97009 First Term Exp. 6/30/02  
 (503) 658-5769 (w) (503) 658-5769 (fx) (503) 658-5769 (h) tschedeen@aol.com

James Steele, 24070 SW Rowell Road Hillsboro, OR 97123 First Term Exp. 6/30/01  
 (503) 628-2063 (fx) (503) 628-0431 (w) (503) 628-2176 (h)

Donald Sturm, 28519 SE Strebin Road Troutdale, OR 97060 First Term Exp. 6/30/01  
 (503) 695-2743 (fx) (503) 695-2743 (w) (503) 492-0501 (h) thesturms@aol.com

Bob Underwood, 34500 SE Hwy 211 Boring, OR 97009 First Term Exp. 6/30/03 (503) 668-4525 (w) (503) 668-8813 (fx)

**Chairman – William Knapp**  
**Vice-chairman – Jim Steele**  
**Secretary/Treasurer – Julieann Schedeen**

\* = Processor Representatives

**'OSHA Review' from page 4**

consultation department does not levy fines or share information with the compliance department. The consultation officer can advise you if your farm labor housing is required to be licensed, if you are required to have a safety committee, if you have the proper notices posted, if you have any equipment violations or any number of other questions you might have. The officer that visited our farm, Bruce Brown, was friendly, helpful and put us completely at ease. He sent us a list of recommended corrections and left us with a large volume of resource materials and contacts. I strongly urge any of you that are terrified of a random inspection from OSHA to avail yourself of this free service. And if you are worried about the condition of your farm labor housing, they will tell you how to bring it into compliance. The standards didn't seem that stringent to us, and we are pretty typical small family farmers. The telephone numbers of the local OSHA consultation departments are listed below.

Portland 503-229-6193, Salem 503-373-7819, Eugene 541-686-7913

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## Caneberry Pesticide Update

Joe DeFrancesco  
Oregon State University

Several pesticide registrations and label changes have occurred recently which affect caneberry growers. Read on for the details.

**Herbicides:**

Aim (carfentrazone) is not yet registered but, when a label is granted, will be used for

caneburning in raspberries and blackberries. Unlike Goal, Aim has no residual effects; once young primocanes are "burned back", new primocanes begin to emerge again from the roots. We hope to see a label for Aim sometime in 2001 but it may not happen in time for this year's caneburning season.

**Fungicides:**

A Section 18 (emergency exemption) was requested for the use of Switch 62.5WG in caneberries in 2001 control of Botrytis fruit rot. A Section 18 is a time-limited registration and must be requested each year, if conditions warrant it. This is the third year we have requested a Section 18 while permanent registration is pending. Switch is a combination of two active ingredients, cyprodinil and fludioxonil; fludioxonil is systemic in the plant while cyprodinil acts as a protectant. The combination of two active ingredients will help reduce the likelihood of resistance.

Rally 40W (myclobutanil) was recently registered for use in several different crops, including caneberries. Rally is systemic in the plant, has curative properties (48 to 72 hours "kickback") and, also, acts as a protectant. Rally will be helpful in controlling yellow rust in raspberries and cane and leaf rust in blackberries; it also controls powdery mildew, which can sometimes be a problem in Boysens.

Messenger (Harpin protein) was recently registered for use in caneberries (and many other crops) and claims to be effective against fungal and bacterial diseases. Messenger is a type of product known as an SAR (systemic acquired resistance), which

does not directly kill pathogens but, instead, activates the plant's natural defense system to fight diseases and, also, increases fruit yield. We don't yet know how well it works in berry crops under our PNW conditions, but I plan to include it in a raspberry trial this year in to determine efficacy in controlling Botrytis fruit rot.

Ronilan (vinclozolin) is a fungicide that has been used for many years in raspberries for Botrytis fruit rot control but EPA plans to cancel the registration in October 2001. However, Ronilan can still be used in the 2001 field season, as per usual.

**Insecticides/Miticides:**

Brigade WSB (bifenthrin) was recently granted a permanent label for use in caneberries for control of adult root weevils, leafrollers and spidermites. Brigade had been used for the past eight years for root weevil control in raspberries under a Section 18. The new, permanent label is valid for both raspberries and blackberries. The new label still has a 3-day PHI but the REI is 4 days, except for machine harvested fields, which allows for a 24 hour REI.

Registration of Savey 50WP (hexythiozox) miticide is pending for use in caneberries and we hope to see a label issued in time for this season's field use. Savey is effective in controlling eggs and young nymphs of the two-spotted spider mite. It is not effective against adult mites. However, if adult female mites come into contact with Savey, it renders their eggs infertile.



# Strawberry News



## IMPORTANT NOTICE ABOUT STRAWBERRY ASSESSMENTS

Previously, the OSC assessments were due on September 15<sup>th</sup> and a late fee of 5% was charged if the assessment was postmarked after October 1<sup>st</sup>. However, beginning March 2001, this will no longer be the case. The OSC administrative rules were unknowingly in conflict with the Oregon Administrative Rules, which take precedent over the OSC rules. This fall, the OSC rules were modified to comply with the Attorney General's Uniform and Model Rules of Procedure.

The new rules for OSC assessment collection are as follows:

Assessments for the period of May, June, July and August must be reported as the "Final Report for this Crop Season" and postmarked no later than September 15<sup>th</sup>.

The first month's late fee of 5% will be imputed

for all of those reports postmarked after September 15<sup>th</sup>.

Please remind your processors.

## OSC Budget Explanation

Due to a continued drop in production and low prices, the budget is tight for the 2001-2002 fiscal year. The commission is balancing the Special Payments category between research and promotion. While research dollars have been cut, the commission is seeking additional hard money through state and federal sources for Joe DeFrancesco's position and to support the Finn/Strik OSU-USDA breeding program.

To enhance promotional efforts, the commission elicited an RFP. The OSC has chosen KnollGROUP for a direct mail campaign directed towards food manufacturers and flavor houses. You can read more about the RFP on page 2.



## OSC Budget Hearing

The Oregon Strawberry Commission will hold a budget hearing on Tuesday, May 17 at 5:00 p.m. The purpose of this meeting is to discuss the proposed budget for the fiscal year 2001-2002.

Meetings are open to the public; everyone is invited. This is an

opportunity for growers to offer their input on how assessment dollar should be spent to support the strawberry industry in Oregon.

The proposed budget for fiscal year 2001-2002 is printed on the following page. The meeting will be held at the North Willamette Research and Extension

Center, 15210 NE Miley Rd, Aurora, Oregon.

If you are unable to attend the meeting, you may still voice your comments and concerns by writing to the commissioners or calling the business office at (800) 859-0355.



## OREGON STRAWBERRY COMMISSION

	APPROVED BUDGET 2000-01	PROPOSED BUDGET 2001-02 32.5 million
<b>SUMMARY OF REVENUES</b>		
Assessments	\$158,000	\$130,000
Interest income	5,000	4,000
Other Income	300	0
Grant Income	0	0
Carryover	88,000	82,000
Available for Expenditure	251,300	216,000
Expenditures	251,300	216,000
Balance Carried Forward	\$0	\$0
<b>SUMMARY OF EXPENDITURES</b>		
Materials & Services	\$54,100	\$53,680
Special Payments	120,572	79,320
Capital Outlay	0	0
Emergency Fund	72,428	80,000
ODA Oversight	4,200	3,000
Total Budget	\$251,300	\$216,000
<b>MATERIALS &amp; SERVICES</b>		
Materials & Supplies	\$2,500	\$2,500
Communications	2,200	2,200
Travel (in state)	500	500
Travel (out of state)	4,000	2,000
Meals & lodging	2,500	2,500
Freight & postage	1,500	1,500
Insurance & Bonds	800	300
Auditing fees	0	1,300
Legal fees	1,000	1,000
Other Purchased Services	100	100
Administrative Services	39,000	39,780
Total Materials & Services	\$54,100	\$53,680
<b>SPECIAL PAYMENTS</b>		
Promotion	\$27,000	\$40,000
Research	74,272	32,000
Legislative/Education	19,300	7,320
Assessment Refund	0	0
Total Special Payments	120,572	79,320
<b>CAPITAL OUTLAY</b>		
	\$0	\$0
<b>ODA OVERSIGHT</b>		
	\$4,200	\$3,000
<b>EMERGENCY FUND</b>		
	\$72,428	\$80,000
<b>GRAND TOTAL BUDGETED</b>		
	\$251,300	\$216,000

## Strawberry Pesticide Update

Joe DeFrancesco  
Oregon State University

There have been several recent pesticide registrations and label changes that affect strawberry growers, mostly in a positive way. Read on for the details.

### Herbicides:

Strawberry growers were recently granted a label for the use of Select 2EC grass herbicide in bearing strawberry fields. Select 2EC (clethodim) is a post-emergence grass herbicide that controls most annual and perennial grasses. It can be applied broadcast over the strawberries to actively growing grass weeds; the label has a 4-day PHI. Select 2EC is especially effective in controlling annual bluegrass and quackgrass. The Select 2EC label is a national label, for use in strawberries throughout the USA.

Oregon was granted a state label (24c registration) for use of Prowl 3.3EC herbicide in non-bearing strawberry fields (establishment year). Prowl 3.3EC is applied preemergence prior to planting strawberries and must be incorporated with rainfall or irrigation after application. More than 365 days must pass between time of application and first harvest. Prowl 3.3EC controls many different broadleaf weeds and most annual grasses. In our research trials at NWREC (Kaufman, DeFrancesco, Koskela and Peachey, 1999 and 2000), Prowl provided excellent control of both grass and broadleaf weeds three to four months after an at-planting application, and had no negative effects on plant

Agency has refused any further Section 18 requests for Goal 2XL. We have requested the use of Spartan 4F under Section 18 for three distinct time periods: pre-plant, post renovation, and dormancy. In our research trials, Spartan 4F has shown to be effective in controlling a wide spectrum of annual broadleaf weeds and certain annual grasses; however, it was weak on chickweed.

Stinger (clopyralid) is a post emergence herbicide that controls many different broadleaf weeds. It is especially effective in controlling Canada thistle and clovers. Stinger is not yet registered but we are hopeful that a label will be granted some time in 2001.

### Fungicides:

Rally 40W (myclobutanil) was recently registered for use in strawberries and is especially effective in controlling powdery mildew. Rally is systemic in the plant, has curative properties (48 to 72 hours "kickback") and, also, acts as a protectant.

Messenger (Harpin protein) was recently registered for use in many different crops throughout the USA and claims to be effective against fungal and bacterial diseases. Messenger is a type of product known as an SAR (systemic acquired resistance), which does not directly kill pathogens but, instead, activates the plant's natural defense system to fight diseases and, also, increases fruit yield. We don't yet know how well it works in berry crops under our PNW conditions, but I plan to include it in a raspberry trial this year to determine efficacy in controlling Botrytis fruit rot (Pete Bristow, WSU, plans to test it in strawberries).

Rovral (iprodione) is undergoing some label changes that affect strawberry growers. This field season, Rovral can be used in strawberries as in years past, which is up to the day of harvest (0 day PHI). However, the allowable residue tolerance (ppm) will change in October 2001 and, thus, we'll see a label change to reflect this new tolerance. Next year (2002) use of Rovral will not be allowed after first bloom appears in a strawberry field. The Rovral label changes do not affect caneberries or blueberries (0-day PHI is still OK).

Ronilan (vinclozolin) is no longer allowed to be used in strawberries. The tolerance was revoked in January 2001. Even if you have product on hand with an old label, it is still illegal to use.

Switch 62.5WG is a combination of two active ingredients, cyprodinil and fludioxonil, that is effective in controlling Botrytis fruit rot and other fungal diseases. Although not yet registered for use in strawberries, we are hopeful that a label will be granted some time in 2001.

### Insecticides/Miticides:

Savey 50WP (hexythiozox) miticide was recently registered for use in strawberries for controlling the eggs and young nymphs of the two-spotted spider mite. It is not effective against adult mites. However, if adult female mites come into contact with Savey, it renders their eggs infertile.





## Oregon Strawberry Commission

### 2000-2001 Committee List

#### **BUDGET**

Michael Christensen, Chair  
Arne Goddik  
Ron Fujii

#### **RESEARCH**

Arne Goddik, Chair  
Dave Ralls  
Ron Vandecoevering  
Matt Unger, Ex-Officio

#### **LEGISLATIVE**

Michael Christensen, Chair  
Stan Herr  
Arne Goddik  
Anthony Wurdinger, ex-officio

#### **EDUCATION/PROMOTION**

Ron Fujii, Chair  
Stan Herr  
Ron Vandecoevering



## 2000-2001 Oregon Strawberry Commissioner List

Michael Christensen, 35981 Santiam Hwy Albany,  
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## An Urgent Plea!

Jim Fisher, USDA

The root weevil investigations at the USDA, Horticultural Crops Research Lab. (alias Northwest Center for Small Fruits) is in need of research subjects; namely, strawberry root weevils, black vine weevils and rough strawberry weevils. Frankly, we are literally getting stymied in our progress in a number of projects because of a lack of weevils. These projects i.e. artificial infestation of root and vine weevil eggs, investigations for attractants for root and vine weevils, search for biological controls (insect diseases) of root and vine weevils, and development of soil bioassays for new products to combat the vine and root weevils, will, hopefully, help you, the producer, to better manage these pests. We do not have the time or the money to visit all berry fields in western Oregon and Washington and assess them for weevils populations. WE NEED YOUR HELP! If you have a 3-4 year old strawberry field, you most likely have a weevil problem. Do you have spots that just are not doing well. Are they reddish in color, now. Dig around. If you find white grubs with brown heads or find tap roots that are basically dust, you have weevils. If you also have a nursery, you may have weevils. Do the Taxus look yellow or the bird's nest spruce or the Alberta spruce? Pull them out of the containers and check for grubs. WE NEED THEM! If you have weevils (larvae forms right now), could we take them off of your hands?? Let us know! We will keep your reference in confidence. And we will quickly schedule a trip to your place to gather the larvae.

**Please give us a call or e-mail us. THANKS! Jim Fisher, Research Entomologist, USDA. E-mail: fisherj@bcc.orst.edu, (541) 752-9456 or David Edwards, Bio. Lab. Tech, USDA, e-mail: edwardav@ucs.orst.edu, (541) 752-9459**